In the claims

1.-9. (cancelled)

10. (new) An inkjet recording head comprising:

a plurality of head units arranged in a plurality of line arrays, the head units having a head pitch such that the head units are distributed along regular intervals over a straight line, the head units each having a plurality of nozzles; and,

a plurality of positioning plates that fix positions of the head units, the positioning plates being distributed in rows parallel to the straight line,

wherein a spacing of the nozzles along the line arrays and a non-perpendicular angle of the line arrays relative to the straight line provide a resolution of the inkjet recording head.

11. (new) The inkjet recording head of claim 10, wherein the positioning plates comprise a slit that wedges and pushes head chips of the head units such that an airtight bonding between the positioning plates and the head chips permits fixing the positions of the head units in relation to the positioning plates.

12. (new) An inkjet recording head comprising:

a plurality of head units arranged in a plurality of line arrays, the head units having a head pitch such that the head units are distributed along regular intervals over a straight line, the head units each having a plurality of nozzles;

a plurality of positioning plates that fix positions of the head units, the positioning plates being distributed in rows parallel to the straight line;

a plurality of first screws positioned towards first sides of the head units, the first screws screwed counter-clockwise into the positioning plates in a vertical direction;

a plurality of second screws positioned towards second sides of the head units, the second sides opposite the first sides, the second screws are screwed clockwise into the positioning plates in the vertical direction;

a plurality of third screws screwed into the positioning plates in a horizontal direction and in contact with the head units,

wherein a spacing of the nozzles along the line arrays and a non-perpendicular angle of the line arrays relative to the straight line provide a resolution of the inkjet recording head,

wherein a lengthwise direction of the head pitch of the head units is subjected to a suppressive force of the third screws and a widthwise direction of the head pitch of the head units is subjected to suppressive force of the first screws and the second screws.

13. (new) The inkjet recording head of claim 10, further comprising:

a single pair of beams extending across the positioning plates and holding the plurality of head units.

14. (new) An inkjet recording head comprising:

a plurality of head units arranged in a plurality of line arrays, the head units having a head pitch such that the head units are distributed along regular intervals over a straight line, the head units each having a plurality of nozzles;

a plurality of positioning plates that fix positions of the head units, the positioning plates being distributed in rows parallel to the straight line;

a beam extending across the positioning plates and holding the plurality of head units, the beam comprising a plurality of canals; and,

ink flow channels covering the canals,

wherein a spacing of the nozzles along the line arrays and a non-perpendicular angle of the line arrays relative to the straight line provide a resolution of the inkjet recording head.

15. (new) The inkjet recording head of claim 14, further comprising an ink source to supply ink from both first sides and second sides of the ink flow channels.

16. (new) The inkjet recording head of claim 10, further comprising a sealant between the head units and the positioning plates to provide an airtight seal between the head units and the positioning plates.

17. (new) The inkjet recording head of claim 10, wherein the positioning plates comprise a multiple-layer structure including a datum formation layer that forms a datum surface and a reinforcement layer to provide mechanical strength to the positioning plates.

18. (new) The inkjet recording head of claim 10, wherein the head units comprise piezoelectric elements, and the inkjet recording head further comprises:

an internal electrical drive circuit for activating the piezoelectric elements;

a plurality of connectors connected to the internal electrical drive circuit; and,

a motherboard having a connector directly connected to each head unit.